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SNOW SURVEYS for ALASKA



May 1963

Snow Course conditions as of May 1st are quite variable. Several of the lower courses north of the Alaska range have lost all their snow cover and practically all the courses in this area have less snow and a lower water content than April 1. The Cleary Summit course has less snow with almost one inch more water. Little Chena has less snow and more water, this, however, is due to rather erratic results obtained on this course on the April 1 measurement.

Snow accumulations and water content is greater in the areas south of the Alaska Range in all but Sheep Mountain. The Eklutna area shows the greatest increase in both water and snow. Weather Bureau records in the Cook Inlet area show that April snowfall in this area was unusually heavy. Anchorage established a new record for April snowfall.

Warm weather conditions in the Tanana Valley caused rapid melting of the snow in the low areas during the last week in April with some local flooding. Snowmelt in the Cook Inlet area has been gradual and has caused no serious flood problems to date.

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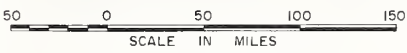
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Data included in this report were obtained by the Soil Conservation Service in cooperation with the Alaska Soil Conservation District, U.S. Army, Corps of Engineers, U.S. Bureau of Reclamation, Alaska Highway Commission, Alaska Agricultural Experiment Station.

Report issued by W.B. Oliver, State Conservationist, P.O. Box F, Palmer, Alaska.

SNOW SURVEYS for ALASKA



LEGEND

- 45PPI ● Snow Course
- 46MM9a † Aerial Marker
- 46MM7a † Aerial Marker & Snow Course



N-3120-1 USGS SEA PORTLAND OREG 1948 7-0-16513-1

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (inches)	WATER CONTENT (inches)	WATER CONTENT (inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^b
Big Delta	45-PP-1	3850	5/2/63	No	Snow	---	---
Big Windy	44-QQ	4025	5/4/63	28.5	7.6	8	7.8
Chena Hot Springs	46-QQ-3	1180	5/4/63	18.4	5.8	10	7.9
Cleary Summit	47-QQ-1a	2230	5/1/63	31.7	8.5	12.4	8.9
Fielding Lake	45-00-1	3000	5/1/63	50.9	13.6	17	15.3
French Creek	46-PP-2	2010	5/2/63	25.4	7	13	10
Goat	48-MM-7a	3200	4/19/63	62.8	18.5	---	---
Grizzly	48-MM-4a	5000	4/19/63	79	27.7	---	---
Little Chena	46-QQ-2	2200	5/4/63	22.9	5.7	10	7.8
Little Salcha	46-PP-3	1500	5/2/63	16.6	5.1	9	7
Log Cabin, B. C.	35-KK-1	2800	5/1/63	36	5.4	12.4	8.9
Marmot	48-MM-8a	2000	4/19/63	66	19.4	Estimate	---
Mentasta Pass	43-NN-1	2430	5/1/63	28.8	8.4	9	8.7
Moraine	48-MM-1	2100	4/19/63	24.4	7.1	---	8
Mt. Ryan	46-QQ-1	2950	5/4/63	38.5	12	14	13
Munson Ridge	46-PP-1	3100	5/4/63	49.8	14.2	25	19.6
Ptarmigan	48-MM-2	3000	4/19/63	41.7	10.4	---	9.3
Sheep Mtn.	47-MM-1	2700	5/1/63	18.4	5.3	8.6	6.6
Tok	43-00-1	1650	5/1/63	No	Snow		
Worthington Glacier	45-MM-1	2400	5/1/63	65.7	23.7	24.5	23.9
Yak Pasture	47-PP-1	540	5/1/63	10.4	1.9	6	3.9

Special Aerial Observations on April 19, 1963

			Water Content Estimated	
Big Windy	44-QQ	4025	4/19/63	32" 9"
Bowl	48-MM-6a	4500	4/19/63	78" 23"
Chena Hot Springs	46-QQ	1180	4/19/63	33.4" 9.3"
Cleary Summit	47-QQ-1a	2230	4/19/63	36 11
Little Chena	46-QQ-2	2200	4/19/63	30 8
Little Glacier	48-MM-9a	4000	4/19/63	150 44
Mt. Ryan	46-QQ-1	2950	4/19/63	42 12
Munson Ridge	46-PP-1	3100	4/19/63	62 17
Sheep	48-MM-5a	2500	4/19/63	126 37

(a) Aerial observation; Water content estimated. (b) Average for period of record.

